

## 8 INPUT STEREO AUDIO FOLLOW, RS-232/485 MODEL PAF-823



MADE IN THE USA



### FEATURES

- ◆ 8 Inputs
- ◆ Digital Switching
- ◆ Balanced Differential
- ◆ One Rack Unit Cabinet
- ◆ Output Impedance, 66Ω
- ◆ RS-232, RS-422, RS-485

The PAF-823 is a professional stereo audio follow switcher for the video companion, NO BUTTONS. The high impedance balanced input circuits reduce loading effects and noise on the incoming signals. The low output impedance of 66Ω provides a maximum level of +24dBu. The input and output connections are printed circuit spring terminal blocks. The terminal blocks provide reliable clamping action for secure and reliable operation due to a force amplifying hinge motion.

A nine pin female D connector provides serial interface to computer or modem for RS-232 control which is standard in all units. The switcher is available in other models for stereo, mono or four channel operation.

The RJ-11 telephone connector allows several audio follow units operate in tandem, so several levels of audio may be achieved.

There are no push buttons on the front panel as the PAF-823 gets its control functions from the VSW series switchers or RS-232 from a computer. Multiple switchers can be controlled by a single remote control panel, PSR series. The PAF-823 is RS-232 controlled and remote control is RS-422 or RS-485 via an RJ11 telephone connector and cable assembly.

The ASW-820 is a stereo audio-only switcher with digital switching logic combined with high performance audio circuitry to form the foundation for the next generation of audio routing switchers. All VSW, ASW, PAF and PSR series units occupies one rack space. Each unit includes a power supply for reliable operation.

The PAF-823 operates as an audio follow for the VSW-800 series video switchers or as a stand-alone audio switcher.

# PAF-823 8 X 1 STEREO FOLLOW SWITCHER

## SPECIFICATIONS

### INPUTS:

Number: ..... Eight (8), sTEREO  
Impedance: ..... 20k $\Omega$ , Looping  
Configuration: ..... Balanced Differential  
Max Level: ..... +24dBu

### OUTPUTS:

Number: ..... Two (2)  
Level: ..... +24dBu  
Impedance: ..... 66 $\Omega$   $\pm$  5%  
Frequency Response: .....  $\pm$ 0.02dB, 20Hz to 20KHz  
Insertion Gain: .....  $\pm$ 0.05dB  
Slew Rate: ..... >30V/ $\mu$  Balanced  
Signal-to-Noise: ..... >100dB A Wtd +8dBu  
THD: ..... <0.004% @ 20KHz  
Crosstalk: ..... 95dB @ 20KHz  
Output DC Offset: ..... <10mV  
Common Mode Rejection: ..... >80dB @ 20KHz  
Output Isolation: ..... >100dB @ 20KHz

### ENVIRONMENTAL:

Temperature: ..... 0 to 50 ambient  
Humidity: ..... 0% to 90% non-condensing

### POWER:

Input: ..... 120/240 VAC  $\pm$ 10%  
Power: ..... 7 watts

### MECHANICAL:

Height: ..... 1.75 Inches  
Width: ..... 19 Inches  
Depth: ..... 8.7 Inches  
Weight: ..... 6.5 Lbs.

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